

I send you a list of my lists I am not responsible
for the mistakes they contain it is owing to
the printer never having done any botanical
work before

Sawies Island Oregon Mar. 29th 1880

Dear Sir

Yours of March 12 with packages
of plants was received last mail. The plants are
very fine and give entire satisfaction.

You will see by the aposite side of this sheet
that I am offering plants for sale this season
at very low rates. Now if you can sell 10
or more sets I will allow you \$4.00 per set as
commission on the same. That is I will let you
have them at \$16.00 per set delivered anywhere
in the United States free of charge.

less than full sets cost each and in all
cases where they do not give satisfaction
the money will be refunded.

I do not want to exchange for German
plants at present.

I will collect all of the Cyperaceae that
I can find and send you a set of them to
be named.

I also collect mosses, Liverworts &c

Liverworts and will sell them at the
usual rates and allow you a liberal commission
on all you can sell.

I will collect a great many plants besides
the ones in this list that I will sell at
the same rates. Will send you a full list
of them in next fall.

Yours
T. J. Howell



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MISSOURI
BOTANICAL
GARDEN

HOWELL'S LIST OF BOTANICAL SPECIMENS.

The undersigned offers for sale the following list of dried plants, embracing 400 species and several varieties. Most of them do not grow east of the Rocky Mountains, and some are rare species of my own discovery. I offer the full set for \$20.00, or a selection of 100 species or more at \$6.00 per 100 species; less than 100 species, 10 cents each. Most of these have been determined by Dr. Gray and Prof. Watson of Harvard University. They will be of standard size and complete specimens. They will be ready for delivery about the first of September. Terms, cash when the plants are examined and found satisfactory. Those desiring any special class of plants, are requested to correspond with the undersigned.

Respectfully,

THOS. J. HOWELL,

SAUVIE'S ISLAND,
Multnomah Co., Oregon.

1 *Clematis ligusticifolia*, Nutt.
 2 *Thalictrum occidentale*, Gray.
 3 *T. palycarpum*, Watson.
 4 *Anemone deltoidea*, Hook.
 5 *A. nemorosa*, L. var. *lutea* Gray
 6 *Trautvetteria palmata*, var. *occidentalis*
 7 *Ranunculus orthorhynchus*, Hook.
 8 *R. glaberimus*, Hook.
 9 *R. Hookerii*, Regel.
 10 *R. Nelsonii*, Gray.
 11 *R. Occidentalis*, Nutt.
 12 *Caltha biflora*, D. C.
 13 *Aquilegia formosa*, Fisch.
 14 *Delphinium simplex*, Dougl.
 15 *D. Menziesii*, D. C.
 16 *D. trollifolium*, Gray.
 17 *Cimicifuga elata*, Nutt.
 18 *Actaea spicata*, var. *arguta*, Torr.
 19 *Berberis aquifolium*, Pursh.
 20 *B. nervosa*, Pursh.
 21 *Achlys triphylla*, D. C.
 22 *Vancouveria hexandra*, Morr. & Dec.
 23 *Dicentra formosa*, D C.
 24 *Corydalis scoulerii*, Hook.
 25 *Dentaria tenella*, Pursh.
 26 *Cardamine angulata*, Hook.
 27 *C. cordifolia*, Gray.
 28 *Arabis perfoliata*, Lam.
 29 *A. arcuata*, Gray.
 30 *Sisymbrium incisum*, Engelm.
 Var. *filipes*, Gray.
 31 *Thelypodium lacipatum*, Endl.
 32 *Cheranthes Menziesii*, Benth & Hk.
 33 *Thysanocarpus pusillus*, Hook.
 34 *T. curvipes*, Hook.
 35 *Platyspermum scapigerum*, Hook.
 36 *Viola glabella*, Nutt.
 37 *V. canina*, var. *adunca*, Gray.
 38 *V. Nuttallii*, Gray.
 39 *V. sarmentosa*, Dougl.
 40 *V. Beckwithii*, T & G var.
 41 *V. palustris*, L.
 42 *Silene Menziesii*, Hook.
 43 *S. Lyallii*, Watson.
 44 *S. Scoulerii*, Hook.
 45 *Arenaria macrophylla*, Hook.
 46 *A. Franklinii*, Dougl.
 47 *Stellaria nitens*, Nutt.
 48 *Sagena occidentalis*, Watson.
 49 *Claytonia sibirica*, L.
 50 *C. perfoliata*, Donn.
 Var. *spathulata*, Watson.
 51 *C. exigua*, T & G.
 52 *C. difusa*, Nutt.
 53 *C. parvifolia*, Moq.
 54 *C. linearis*, Dougl.
 55 *C. Caroliniana*, var. *sessilifolia*, Torr.
 56 *Montia fontana*, L.
 57 *Lewisia rediviva*, Pursh.
 58 *Spraguea umbellata*, Torr.
 59 *Hypericum anomaloideum*, Cham.
 60 *H. Scoulerii*, Hook.
 61 *Idalcea malvaeflora*, Gray.
 62 *S. humilis*, Gray.
 63 *Geranium incisum*, Nutt.
 64 *Oxalis Oregana*, Nutt.
 65 *Enonymus occidentalis*, Nutt.
 66 *Pachystime myrsinifolia*, Raf.
 67 *Ceanothus cuneatus*, Nutt.
 68 *C. integrifolius*, Hook & Arn.
 69 *C. prostratus*, Benth.
 70 *C. sanguineus*, Pursh.
 71 *C. velutinus*, Dougl.
 72 *Rhamnus Purshiana*, D C.
 73 *Acer circinatum*, Pursh.
 74 *A. glabra*, Torr.
 75 *A. macrophylla*, Pursh.
 76 *Rhus diversiloba*, T & G.
 77 *Lupinus chamissonis*, Esch.
 78 *L. polyphyllus*, Lindl.
 79 *L. albicaulis*, Dougl.
 80 *L. ornatus*, Dougl.
 81 *L. acophyllus*, Dougl. *le*
 82 *L. lepidus*, Dougl.
 83 *L. laxiflorus*, Dougl.
 84 *L. microcarpus*, Dougl.
 85 *Trifolium megacephalum*, Nutt.
 86 *T. eriophyllum*, Nutt.
 87 *T. longipes*, Nutt.
 88 *T. tridentata*, Lindl.
 89 *T. paniculiflorum*, Nutt.
 90 *T. microcephalum*, Pursh.
 91 *T. cyathiferum*, Lindl.
 92 *Psoralia lanceolata*, Pursh.
 93 *P. physoides*, Dougl.
 94 *Astragalus Purshii*, Dougl.
 95 *A. Collinus*, Dougl.
 96 *A. Howellii*, Gray.
 97 *A. revolutus*, Gray.
 98 *A. succumbens*, Dougl.
 99 *Hosackia decumbens*, Benth.
 100 *H. crassifolia*, Benth.
 101 *H. parviflora*, Benth.

102 *H. bicolor*, Dougl.
 103 *H. Purshiana*, Benth.
 104 *Vicia gigantea*, Hook.
 105 *Lathyrus ornatus*, Nutt.
 106 *Prunus mollis*, Walp.
 107 *P. demissa*, Walp.
 108 *Nuttallia cerasiformis*, T & G.
 109 *Spiraea betulifolia*, Pall.
 110 *S. discolor*, Pursh.
 Var. *dumosa*, Watson.
 111 *S. Douglasii*.
 112 *Potentilla glandulosa*, Lindl.
 113 *P. gracilis*, Dougl.
 114 *Rubus Nutkanus*, Moq.
 115 *R. spectabilis*, Pursh.
 116 *R. leucodermis*, Dougl.
 117 *R. ursinus*, Cham & Sch.
 118 *R. pedatus*, Smith.
 119 *Rosa gymnocarpa*, Nutt.
 120 *R. Nutkana*, Presl.
 121 *R. pisocarpa*, Gray.
 122 *Purshia tridentata*, D C.
 123 *Pirus rivularis*, Dougl.
 124 *P. sambucifolius*, Cham & Sch.
 125 *Crataegus Douglasii*, Lindl.
 126 *Saxifraga integrifolia*, Hook.
 127 *S. heterantha*, Hook.
 128 *S. punctata*, L. *Gray*.
 129 *S. cespitosa*, L. *Gray*.
 130 *S. bronchialis*, var. *cherleroides*.
 131 *S. elegans*, Nutt.
 132 *Sulavantia Oregana*, Watson.
 133 *Bolandra Oregana*, Watson.
 134 *Talmia Menziesii*, T & G.
 135 *Heuchera cylindrica*, Dougl.
 136 *H. micrantha*, Dougl.
 137 *Telima grandiflora*, R. Br.
 138 *T. parviflora*, Hook.
 139 *Suksdorffia violacea*, Gray.
 140 *Tiarella trifoliata*, L.
 141 *T. unifoliata*, Hook.
 142 *Mitella caulescens*, Nutt.
 143 *M. trifida*, Graham.
 144 *M. pentandra*, Hook. *Nutt*.
 145 *Chrysosplenium glechomaeifolia*.
 146 *Parnassia fimbriata*, Koenig.
 147 *Philadelphus Lewisii*, Pursh.
 148 *Whipplea modesta*, Torr.
 149 *Ribes Lobii*, Gray.
 150 *R. lacustra*, var. *parvulum*, Gray.
 151 *R. viscosissimum*, Pursh.
 152 *R. sanguineum*, Pursh.
 153 *R. bracteosum*, Dougl.
 154 *R. Hudsonianum*, Richard.
 155 *R. cereum*, Dougl.
 156 *Sedum Oregana*, Nutt.
 157 *S. Douglasii*, Hook.
 158 *S. spathulifolium*, Hook.
 159 *Tillaea angustifolia*, Nutt.
 160 *Epilobium minutum*, Lindl.
 161 *Onothea albicaulis*, Nutt.
 162 *OE. dentata*, Cav.
 163 *OE. andreae*, Nutt.
 164 *Godetia viminea*, Spach.
 165 *G. amena*, Litj.
 166 *G. tenella*, Watson.
 167 *Boisduvalia densiflora*, Watson.
 168 *B. Torreyii*, Watson.
 169 *Clarkia rhomboidea*, Dougl.
 170 *Circaea pacifica*, Asch & Mag.
 171 *Gaura parviflora*, Dougl.
 172 *Mentzelia albicaulis*, Dougl.
 173 *M. leucocaulis*, T & G.
 174 *Megarrhiza Oregana*, Torr. *Gray*.
 175 *Eryngium pectenatum* v. *juncifolium*.
 176 *Sanicula Menziesii*, Hook.
 177 *S. bipinnatifida*, Dougl.
 178 *Carum Gairdnerii*, Benth & Hook.
 179 *OE. sarmentosa*, Presl.
 180 *Legisticum apifolium*, Benth & Hk.
 181 *Peucedanum leiocarpum*, Nutt.
 182 *P. triternatum*, Nutt.
 183 *P. simplex*, Nutt.
 184 *P. Halii*, Watson.
 185 *P. utricleatum*, Nutt.
 186 *P. millefolium*, Watson.
 187 *P. macrocarpum*, Nutt.
 188 *P. perenosum*, Geyer. *f*
 189 *P. dasycarpum*, T & G.
 190 *Ferula dissoluta*, Watson.
 191 *Glycosmis occidentalis*, Nutt.
 192 *Osmorhiza nuda*, Torr.
 193 *Fatsia horrida*, Benth & Hook.
 194 *Cornus Nuttallii*, Audobon.
 195 *C. pubescens*, Nutt.
 196 *Lonicera ciliosa*, Poir.
 197 *L. hispida*, Dougl.
 198 *L. involucrata*.
 199 *Sambucus glauca*, Nutt.
 200 *Viburnum ellipticum*, Hook.
 201 *Gallium Littleii*, Oaks.
 202 *Nardosmia palmata*, Hook.
 203 *Sericarpus rigidus*, Lindl.

204 *Adenostylus nardosmia*, Gray.
 205 *Aster canescens*, Nutt.
 206 *A. sayii*, Nutt.
 207 *A. Douglasii*, Lindl.
 208 *Erigeron speciosus*, D C.
 209 *E. fillifolium*, Nutt.
 210 *E. divergens*, Nutt.
 211 *Solidago elongata*, Nutt.
 212 *S. occidentalis*, Nutt.
 213 *S. humilis*, var. *confertiflora*.
 214 *Grindelia discoidea*, Nutt.
 215 *Psilocarpus Oregana*, Nutt.
 216 *Wyethia angustifolia*, Nutt.
 217 *W. amplexicaulis*, Nutt.
 218 *Gaillardia aristata*, Pursh.
 219 *Chenactis Douglasii*, Hook & Arn.
 220 *Bahia lanata*, Nutt.
 221 *Blepharipappus scaber*, Hook.
 222 *Madia Nuttallii*, Gray.
 223 *M. racemosa*, T & G.
 224 *M. filipes*, Gray.
 225 *Gapalium Spranglei*, Hook & Arn.
 226 *G. palustris*, L.
 227 *Antinaria dimorpha*.
 228 *A. racemosa*.
 229 *Crocidium multicaule*, Hook.
 230 *Arnica amplexicaulis*, Nutt.
 231 *A. cordifolia*, Hook.
 232 *A. latifolia*, Bong.
 233 *A. foliosa*, Nutt.
 234 *Senecio Bolandri*, Gray.
 235 *S. bastigianus*, Nutt. *f*
 236 *S. lugens*, Richard.
 237 *Tetrorhynchia canescens*, D C.
 Var. *exaltata*, Eaton.
 238 *Malacothrix crepoides*, Gray.
 239 *Hieracium Scoulerii*, Hook.
 240 *H. albilorum*, Hook.
 241 *H. tripta*, Willd.
 242 *H. umbellatum*, L.
 243 *Crepis occidentalis*, Nutt.
 244 *Microseris laciniata*, Gray.
 Var. *procera*, Gray.
 245 *Troximum Chilense*, Gray.
 246 *T. grandiflora*, Gray.
 247 *Howellia aquatalis*, Gray.
 248 *Githopsis specularoides*, Nutt.
 249 *Campanula Scoulerii*, Hook.
 250 *Heterodon rariflorum*, Nutt.
 251 *Vaccinium cespitosum*, v. *abuscula*, Gr.
 252 *V. parvifolium*, Smith.
 253 *Arbutus Menziesii*, Pursh.
 254 *Arctostaphylos Navadensis*, Gray.
 255 *A. tomentosa*, Dougl.
 256 *Gaultheria myrsinoides*, Hook.
 257 *G. shallon*, Pursh.
 258 *Menziesia ferruginea*, Smith.
 259 *Pyrola picta*, Smith. *Leb*.
 260 *Pyrola aphylla*, Smith. *Leb*.
 261 *Trientalis Europea*, var. *arctica*.
 262 *T. E.*, var. *latifolia*, Torr.
 263 *Fraxinus Oregana*, Nutt.
 264 *Erythraea Douglasii*, Gray.
 265 *Gentiana sceptrum*, Griseb.
 266 *Fraseria nitida*, Benth.
 267 *Phlox Douglasii*, Hook.
 268 *P. speciosa*, Pursh.
 269 *Coloma grandiflora*, Dougl.
 270 *C. linearis*, Nutt.
 271 *C. gracilis*, Dougl.
 272 *C. heterophylla*, Hook.
 273 *Gilia tenella*, Benth.
 274 *G. squarosa*, Hook & Arn.
 275 *G. intertexta*, Stued.
 276 *G. capitata*, Dougl.
 277 *G. liniflora*, var. *pharneaeoides*, Gr.
 278 *Polemonium micranthum*, Benth.
 279 *Hydrophyllum capitatum*, Dougl.
 280 *Nemophila parviflora*, Dougl.
 281 *Phacelia Menziesii*, Torr.
 282 *Romania sitchensis*, Bong.
 283 *Hesperochiron Californicus*, Eaton.
 284 *H. pumilus*, T C Porter.
 285 *Cynoglossum grande*, Dougl.
 286 *Echinospermum Redowskii*, Lehm.
 287 *Eritrichium Scoulerii*, A D C.
 288 *E. Californicum*, D C.
 289 *E. leiocarpum*, Watson.
 290 *E. pterocaryum*, Torr.
 291 *E. glomeratum*, D C.
 292 *Amsinckia lycopersoides*, Lem.
 Var. *bracteosa*, Gray.
 293 *Mertensia oblongifolium*, Dougl.
 294 *Lithospermum pilosum*, Nutt.
 295 *Convolvulus occidentalis*, Gray.
 296 *Collinsia grandiflora*, Dougl.
 297 *C. parviflora*, Dougl.
 298 *C. Rattanii*, Gray.
 299 *Tonella collinsiioides*, Nutt.
 300 *Seriola California*, Cham.
 301 *Chelon nemonsa*, Dougl.
 302 *Pentstemon Mensiesii*, Hook.
 Var. *Newberryi*, Gray. *ny*

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GEORGE ENGELMANN PAPERS



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was his answer & was much
of my brother was my
own work & most says not
knowing & does not know
you to propose N. M. W. is

On March 15
as 24

Arthur Oregon

March 6th 1882

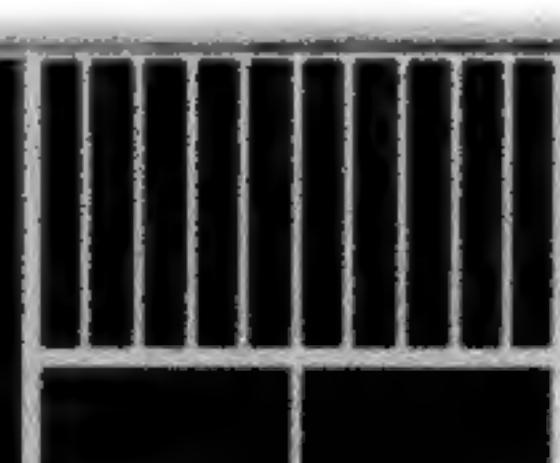
Ex Geo Engelmann

Dear Sir

your letter
of Feb. 18th is at hand

The Doctes you speak of has
given me some trouble and I
shall be very glad if you can
clear it up

First, my brother (Joseph
Howell) sent it to Mr. Davenport
but I don't think he reported
on it, at least if he did his
report has got mislaid. Next
we sent it to Mr. Sereno
Watson. ~~he~~ called it Doctes
leiospora M.S. But afterwards
he wrote to me that he had
found out that it was I



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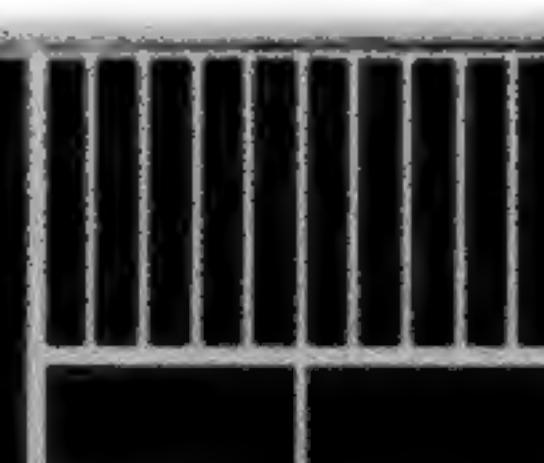
Nuttallii but I think I sent him the undeveloped Specimens from the Dalles mixed with the mature Specimens from Millwaukee

Then I sent Prof. Daniel C. Eaton Specimens from the Dalles and Specimens from Millwaukee mixed, as I supposed them to

both be the same species. He reported the larger Specimens (the ones from Millwaukee) to *I. Nuttallii*. The others to immature to determine.

On looking it up I find I have much better material than I expected and I enclose ^{some of} you the best I have

My brother found and collected the immature Specimens about the first of June 1880; as it was the first ~~Species~~ we had ever seen here we supposed it was *Nuttallii*. but that being reported



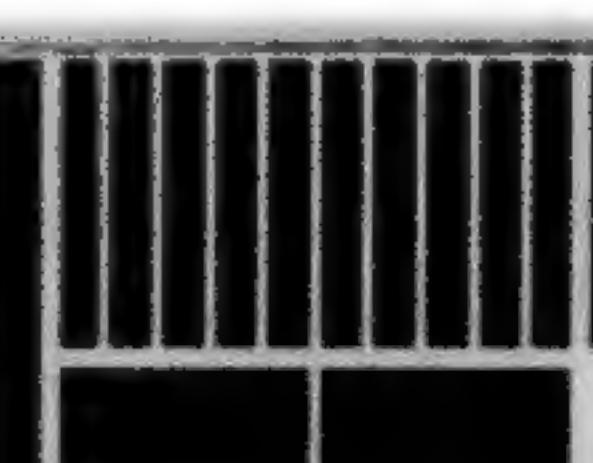
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as a terrestrial species we
thought perhaps this was
not the same as this during
its growing season is submerged
A few weeks later I found
the spec from Milwaukee
and supposing it to be the
same I have sent them out
together with the result as
as above I stated In the latter
part of the summer of 1880
being at the Dales I visited
the locality where my brother
found it and collected the
ripe specimens I now send
you and this is the first
time I have sent any of them
out
As to habitat, it ~~it~~ grows
in a small pond at the Dales
just below the ^{Town} near the
bank of the river When
my brother was there the



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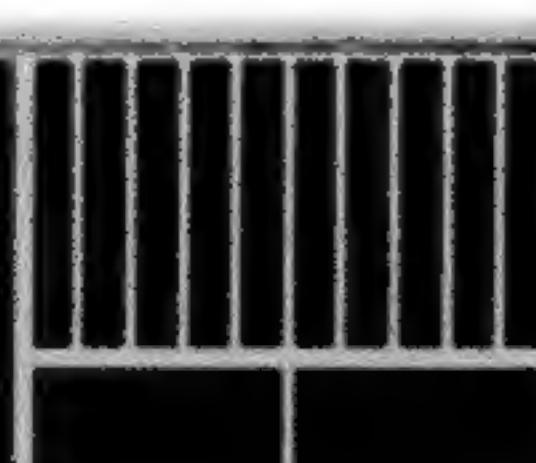


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Water was perhaps 3 feet deep
in the centre of the pond, and
the plants grew all the way
from the edge of the water
to the centre of the pond.

When I visited the place the
water was all ~~sav~~ having dried
up. probably by the heat of the
sun for I think the pond
has no outlet being a hole
scooped out of the Basalt
rock. ~~As to the~~ As to the soil
~~you~~ it is a black muck,
you can judge of it from the
little that remains on the
roots of the mature specimens.
I have long desired a correspon-
dence with you as I should
like very much to have your
assistance in determining some of
the Juncaceae of this place.
Yours respectfully
Thomas J Howell
Arthur
Oregon

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Arthur, Oregon

April 18 1882

Dear Sir

Your letter of March 15th
was duly received and had been
read from time to time. I am
now ready to send you a
specimen of *Gratiola* I have
been sending you specimens of
this plant for the last year
and have now found it at the
Dalles & at Milwaukie, and I am
certainly out of specimens of it when
you will receive this. I will send
you a specimen with it at *Gratiola* *crookata*

Yours sincerely
A. C. Howell



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Arthur Orey
4-18-1897



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE



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Engelmann M.D.
1003 Locust Street
St. Louis



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Rec'd Sept 27
an Oct 6

Arthur Oregon

Sept 15th 1882

Dr Geo. Engelmann

Dear Sir

With this I

Send you a small package of
juncus &c. and ask you to be
so kind as to look at them and
let me know your determination
of them. They were all collected this
season at the following places
and dates.

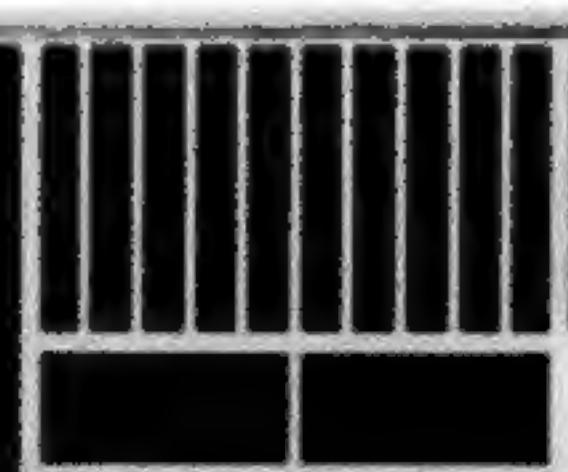
No 1 — ~~Ligula~~ ^{Composita} Hood river May

No 2 — ~~very long petiole?~~ In heavy forest by the
columbia river near the Cascades

~~May~~ May 22nd. 1882

No 3 — ~~pygmaeum~~ ^(longifolius) Very common on Mount
Adams at middle elevations

Aug 12th 1882



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No 4 - ~~now flor~~ ^{about} Mount Adams Aug. 12th (rare)

No 5 - ~~Columbia~~ - ^{part} ~~name land~~ On a wet bank Mount
at high elevation
Adams, Aug 10th (rare)

No 6 ~~fallen~~ ^{Trask river} Tillamook
~~Wet banks Mount Adams~~
July 10th.
~~middle elevations Aug 10th~~

No 7 - ~~spring dry~~ In Spring runs Willamette
Valley July 8th

No 8 - ~~tonnis congestus~~ With the last. July 8th

No 9 - ~~springy~~ With the last. July 8th

No 10 - In bogs, Sawies Island
{
July 15th

No 11 - Spring runs Willamette
Valley July 8th

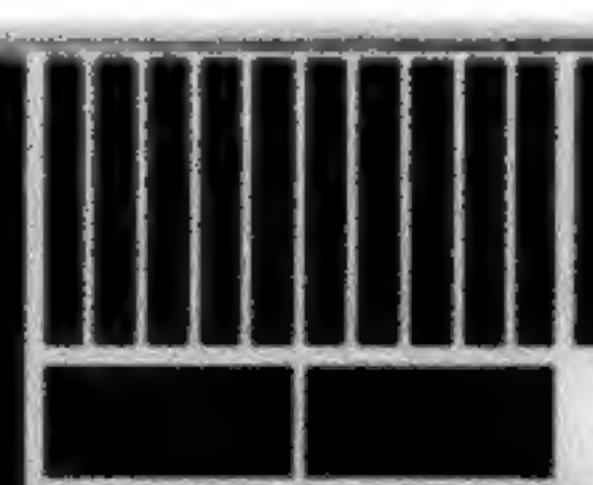
No 12 - ~~springy~~ ^{patens} With the last July 8th.

No 13 - ~~effusus~~ With the last July 8th.

No 14 - ~~desugus~~ Sandy Sea Shore Tillamook
July 15th.

No 15 - ~~litter~~ ^{to young} Gravelly bars of the Columbia
river Umatilla May 10

No 16 - ~~springy~~ ^{to young} runs Silverton
Oregon June 4th



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No 17 ~~too~~ ^{too} ~~bottoms~~ ^{too young} Margins of lakes
Mount Adams Aug 15th

No 18 ~~talus~~ ^{Wet} banks Mount Adams
at middle elevations Aug. 14th.

No 19 Wet Meadows Mount
Adams Aug. 16th.

No 20 Dry places Mount
Adams Aug. 15th.

No 21 ^{Herbaceous} Wet banks Mount
Adams Aug. 15th

When I make my general distribution I will make up a package
of my new species for
you.

Hoping you will find enough
of interest ^{among them} to pay you for
looking up these fungi &c.

I remain yours

Thos. Howell

Arthur Oregon



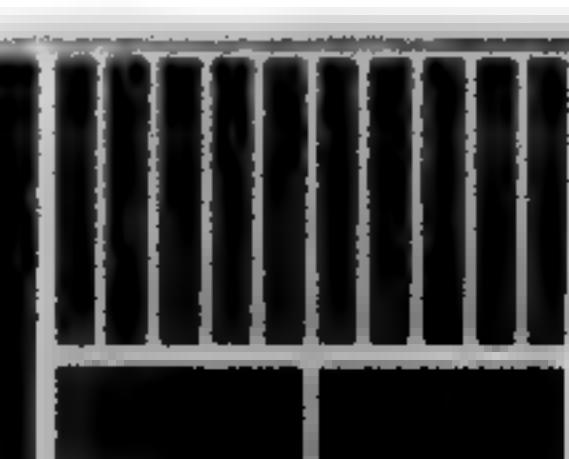
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REINHOLD ALTMANN PAPERS



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Rec Jan 10th

THOMAS HOWELL
COLECTOR OF

NATIVE

PERENNIAL

PLANTS

SEEDS

BULBS

BRITANICAL
SPECIMENS, &c.

ARTHUR OREGON Dec 28 1882

Dear Mr Engelmann.

With this I send you a little package of plants as I promised you I would do. I put in a few that I could not make out hoping you would assist me a little.

No 22 *Salix* - ? from mount Adams W. T. It grows about the snow line Aug 1882

Acacia *angustissima*

No 23 I can not make out at all. It grew in the Mill Pond at the Dalles Oregon Sept 1882

No 24 *Eliacharis* - ? grows on Savies Island Cr. Sept 1882. It appears to be annual

over



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No. 25 Isoetes Howellii ? at least
it grows at the same locality
No. 26 Isoetes ^{moda}—? from 14 miles
below the Dalles. in a shallow pond.
No. 27 Isoetes ^{moda}—? In shallow
ponds at Hood river Oregon

No 28 Isoetes Nuttallii ^{moda} grows
among scrub oaks at Woodburn
(Willamette Valley) Oregon not in water

I send you the best Specimens
I have of *Pirus Sambucifolia* if
they are not satisfactory I will try
and get you better ones next year

I also send you more of the
Tayula—? No 3 This is the best
fruit I have at present.

At any time should you want
any plants for study let me
know what you lack and I will
do the best I can for you

yours
W. H. Howell



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BOTANICAL
GARDEN

Re. March 26 THOMAS HOWELL
or April 11

COLLECTOR OF

PLANTS

BOTANICAL

PLANTS,

SEEDS,

FRUITS,

BOTANICAL
SPECIMENS, &c.

ARTHUR OREGON. March 1883

Dear Dr. Engelmann

your card of Jan. 28th
was duly received. I am very
Sorry the package was lost
for I cannot duplicate it
With as good Specimens as was
in it

With this I send you another
package containing the same
species so far as I can
remember them

Of the *Tuzula* (No 3 of my first send-
ing) I have no ripe fruit. What
I collected for ripe fruit
turns out to be capsules filled
with some kind of fungus



0 1 2 3 4 5 6 7 8 9 10
cm

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MISSOURI
BOTANICAL
GARDEN

It is possible that I
may have got the wrong number
for your address on the lost
package if so it is perhaps
at your P. O.

yours

Thos Howell

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

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